MISSOURI VOCATIONAL ENTERPRISES
MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

Manufacturer's Name : Missouri Vocational Enterprises
Address: P.O. Box 236 Telephone No.(573)-751-6663
Jefferson City, Missouri 65102
Trade Name: Sodium Metasilicate Product Number: SN-13
Synonyms: VBLOC:
DOT Proper Shipping Name:

STCC: None Required

II HAZARDOUS INGREDIENTS OF MIXTURES

Material:	% By WT.	TLV
Sodium Metasilicate	100	2 mg/M3

III PHYSICAL DATA

Vapor Pressure mm hg @ 20C: N/A
Evaporation Rate (Ether=1): N/A
Solubility in H_2O : % by Weight 18
Freezing Point F : N/A
Boiling Point F @ 14.7 psig: N/A
Specific Gravity H_2O=1 @ 25C: 2.1 gm/cc
Vapor Density (Air=1) 60-90F: N/A
% Volatile by WT.: N/A
PH 1% Solution : 12.7
PH as Distributed : N/A
Appearance : White crystalline solid
Odor: None

IV FIRE AND EXPLOSION

Flash Point F (Closed Cup): Non Flammable
Autoignition Temperature : N/A
Flammable (Explosive) Limits: Non Flammable

Extinguishing Media: Suitable to origin of fire.
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

V EMERGENCY AND FIRST AID PROCEDURES

Eyes: Immediately flush eyes with flowing water for 15 minutes, and contact Physician.
Skin: Immediately flush affected area with plenty of water for at least 15 minutes. Contact a Physician. Remove contaminated clothes and Launder before reuse.
Inhalation: Remove to fresh air and call Physician.
Ingestion: If swallowed **DO NOT INDUCE VOMITING.** Give large quantities of water (Preferably milk if available). If vomiting occurs spontaneously keep head below hips to prevent aspiration. Get medical attention as soon as possible.
Over Exposure Effects: Harmful or Fatal if swallowed.

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VI REACTIVITY DATA

Conditions Contributing to Instability: Stable under normal conditions. Generates heat with water addition.

Incompatibility : Avoid contact with acidic materials. Flammable hydrogen gas may be generated on prolonged contact with metals such as Al,Sn,Pb,Zn.

Hazardous Decomposition Products : None

Conditions Contributing to Hazardous Polymerization : Will not occur.

VII SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled : Sweep & shovel into containers marked for recovery or disposal. If water is used in clean up, do not allow it to escape into natural water or sanitary sewers. Effect clean up of liquid by absorbent and shovel into containers.
Neutralizing Chemicals : N/A

Waste Disposal Methods : Solid waste in containers may be transported to an approved waste facility subject to approval by local, state and federal regulatory agencies.

VIII SPECIAL PROTECTION INFORMATION

Respiratory : N/A

Eye : Goggles

Gloves : Rubber

Other Clothing and Equipment : N/A

Ventilation : N/A

IX SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing : For Industrial or Institutional use.

Other Precautions : Read and observe labeled use instructions.

Prepared by : Elvin Nichols Title : Chemist II Date : September 30,1999
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